

1/14

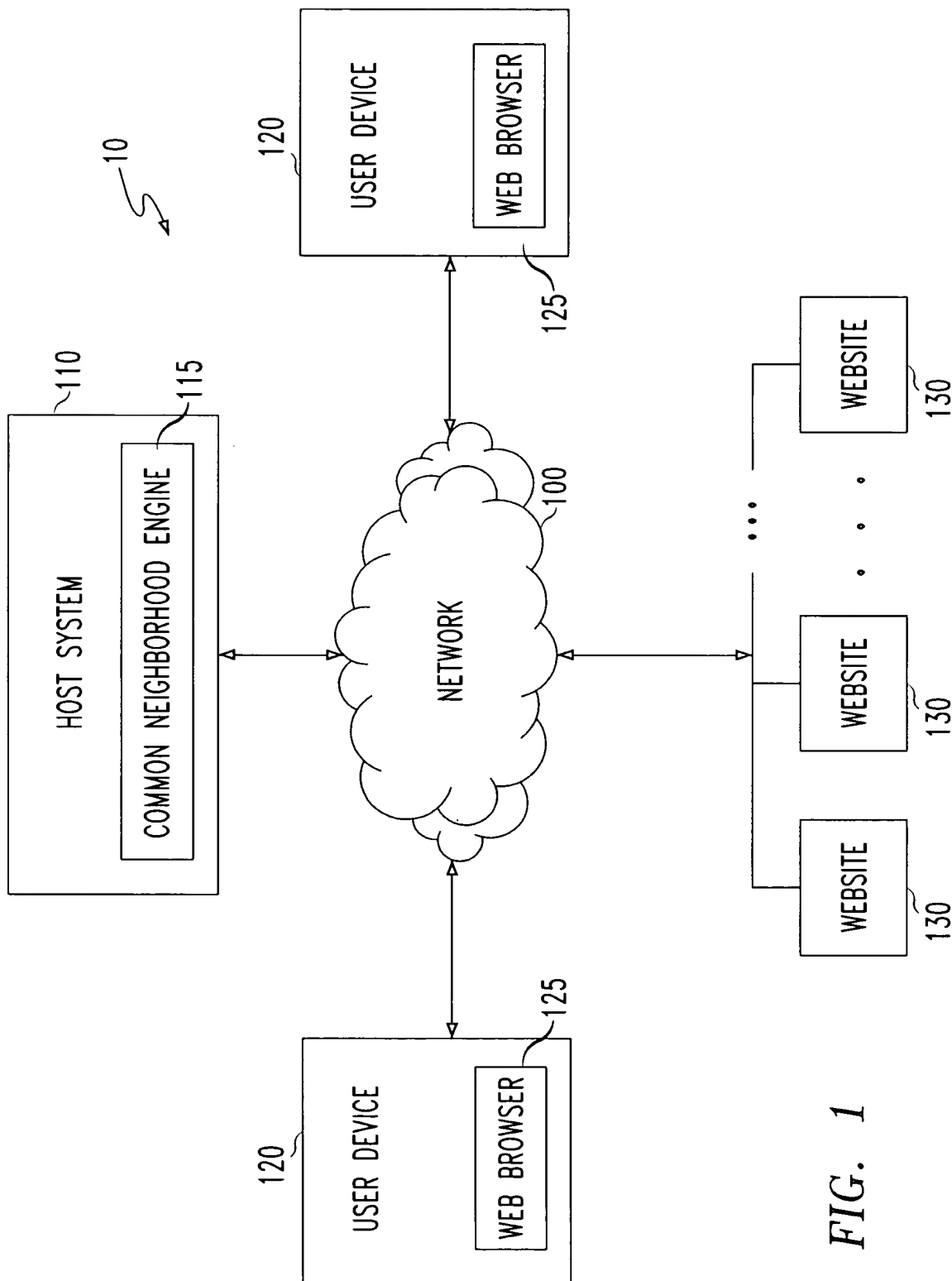
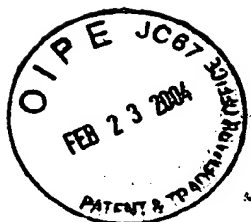
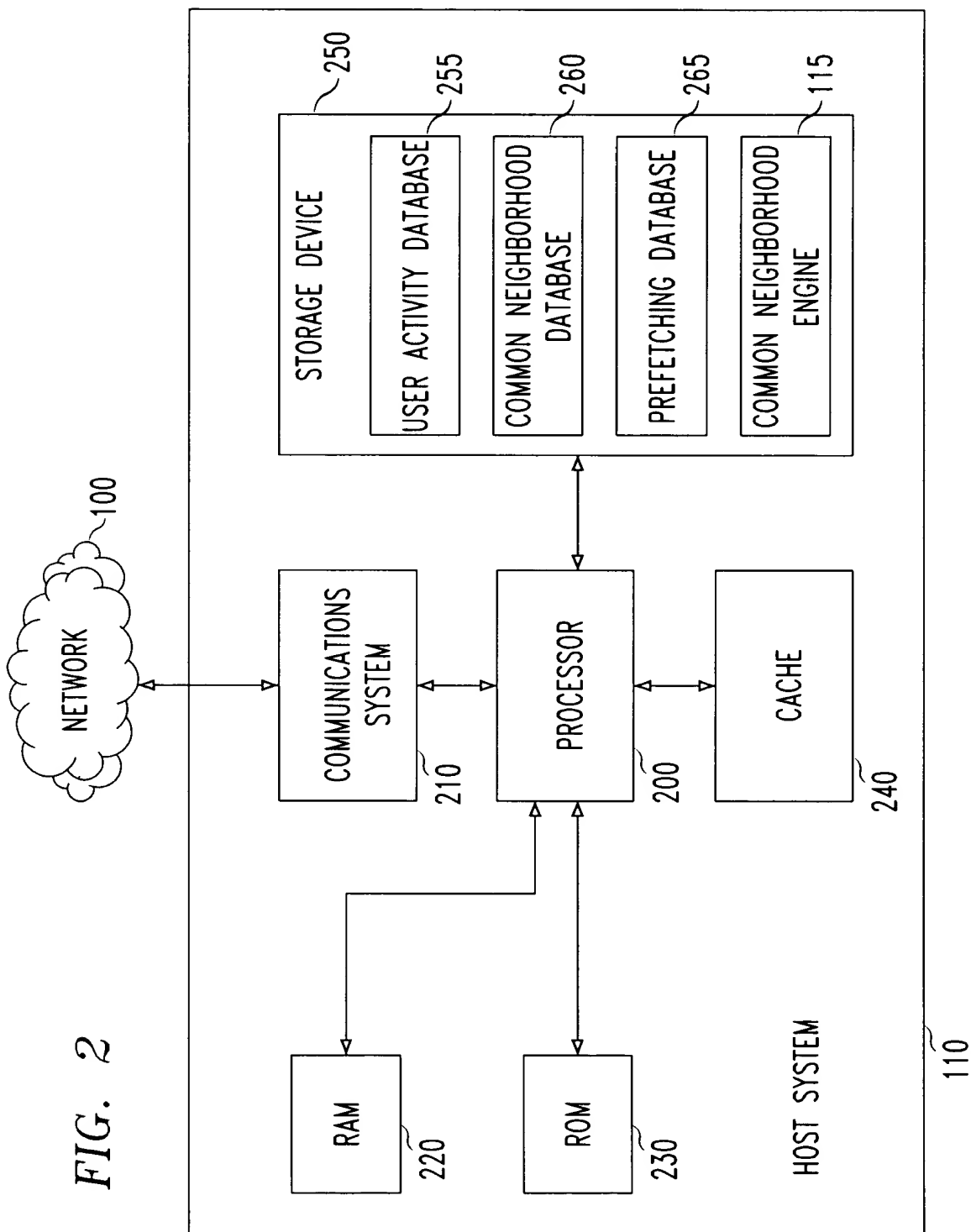
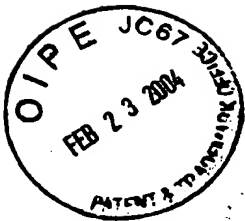


FIG. 1



2/14





3/14

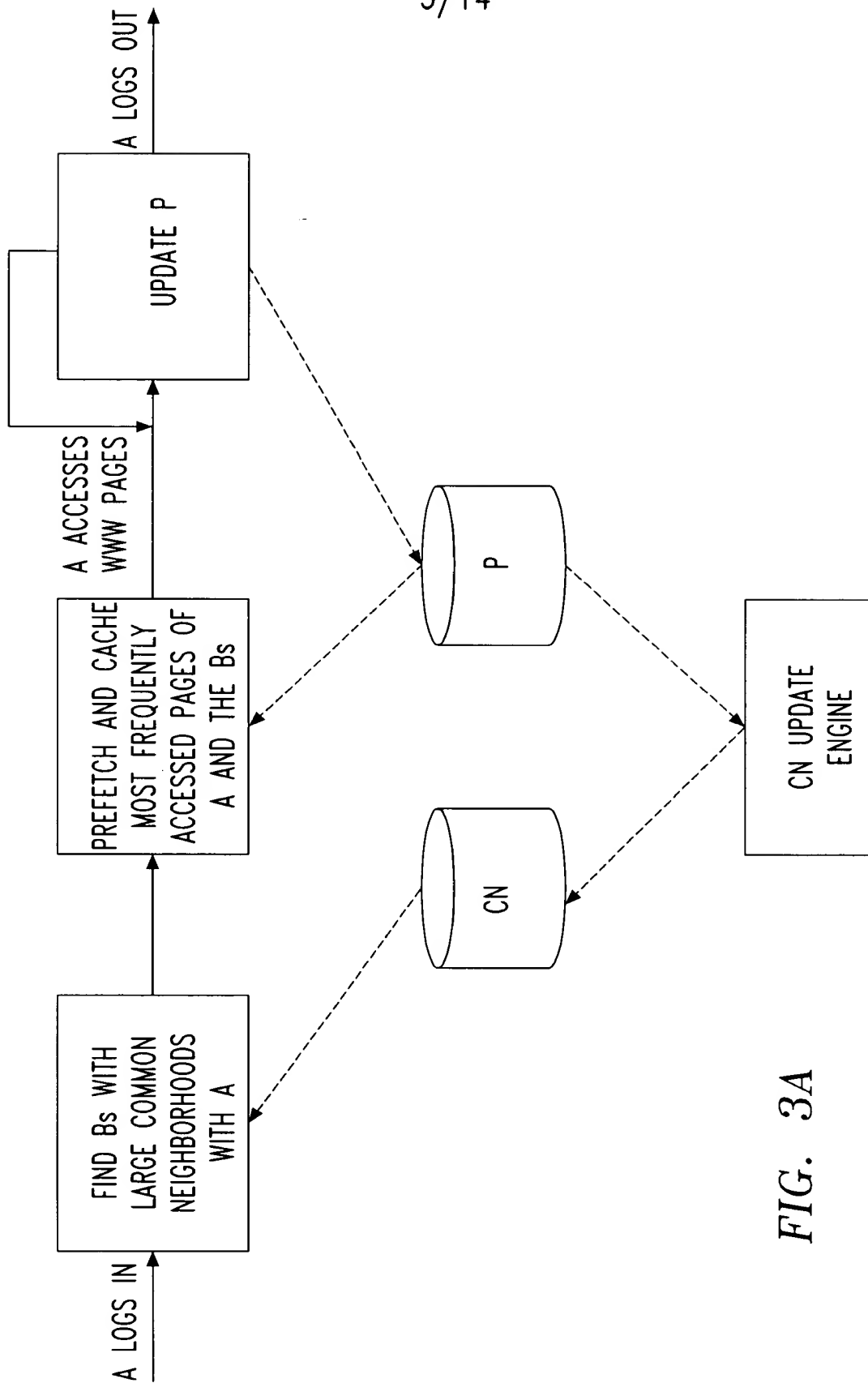
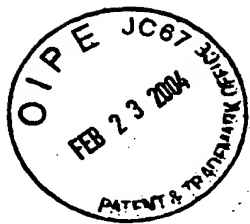


FIG. 3A



4/14

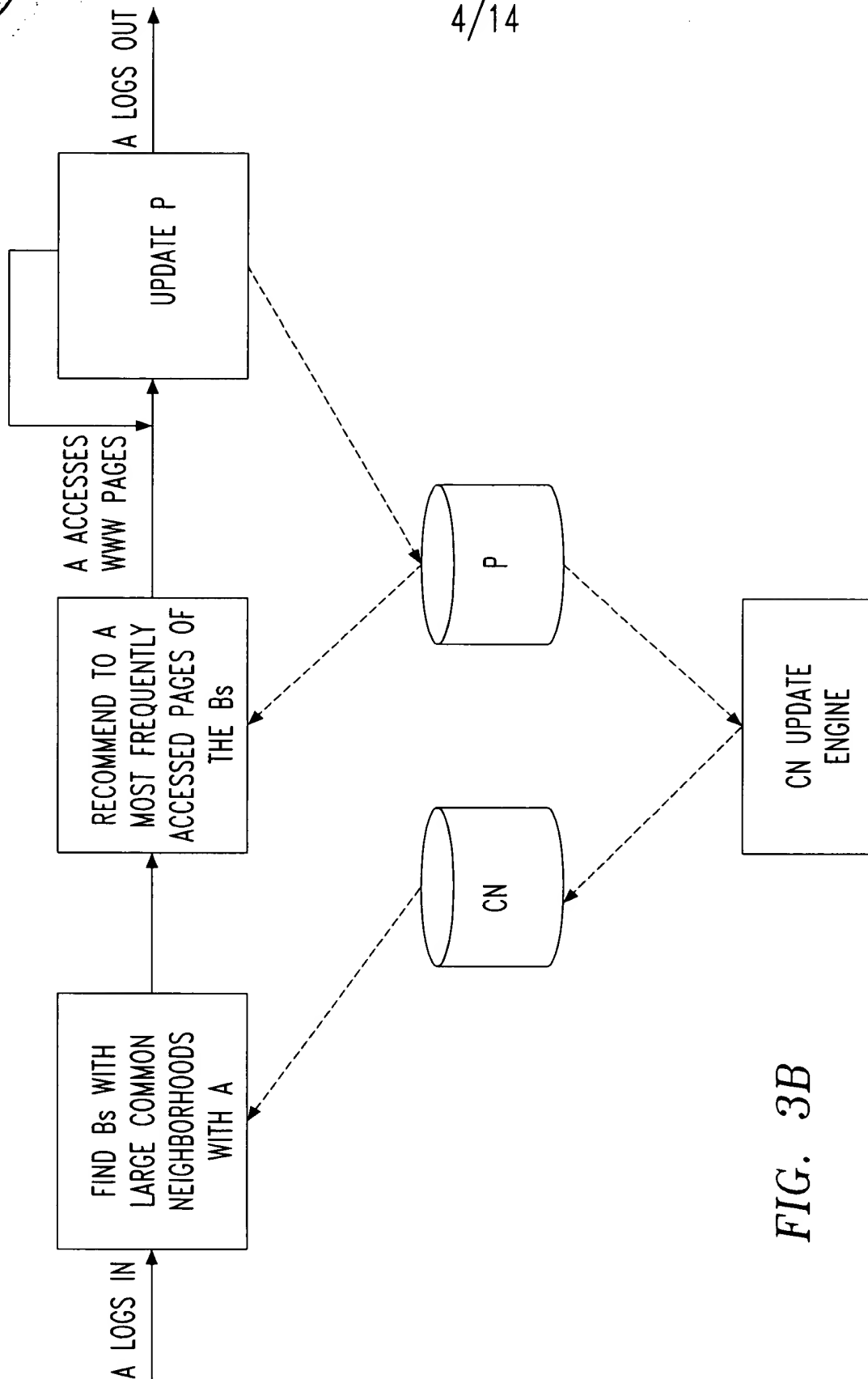


FIG. 3B

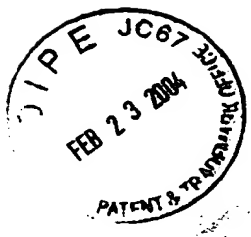


5/14

255

| 400 USER NAME | 405 ACTIVITY | 410 NUMBER OF OCCURRENCES |
|------------------|------------------------|---------------------------------|
| SUE ANTHONY | LINK TO LEADERSHIP.COM | 50 |
| JOHN BROWN | LINK TO CIVILWAR.COM | 100 |
| JOHN BROWN | LINK TO LEADERSHIP.COM | 100 |
| ROBERT LEE | LINK TO CIVILWAR.COM | 50 |
| ROBERT LEE | LINK TO LEADERSHIP.COM | 100 |
| ABE LINCOLN | LINK TO CIVILWAR.COM | 75 |
| ABE LINCOLN | LINK TO LEADERSHIP.COM | 75 |

FIG. 4A



6/14

260

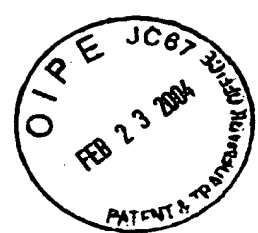
| 420 USER NAME | 425 COMMON NEIGHBOR | 430 COMMON ACTIVITY | 435 NUMBER OF OCCURRENCES |
|------------------|---------------------------|------------------------|---------------------------------|
| JOHN BROWN | ABE LINCOLN | LINK TO CIVILWAR.COM | 60 |
| JOHN BROWN | ROBERT LEE | LINK TO CIVILWAR.COM | 10 |
| JOHN BROWN | SUE ANTHONY | LINK TO LEADERSHIP.COM | 25 |
| ROBERT LEE | ABE LINCOLN | LINK TO LEADERSHIP.COM | 50 |

FIG. 4B

265

| 480 USER NAME | 455 PREFETCHED DATA LOCATION |
|------------------|----------------------------------|
| SUE ANTHONY | CACHE LOCATION OF CIVILWAR.COM |
| JOHN BROWN | CACHE LOCATION OF LEADERSHIP.COM |
| ABE LINCOLN | CACHE LOCATION OF CIVILWAR.COM |

FIG. 4C



7/14

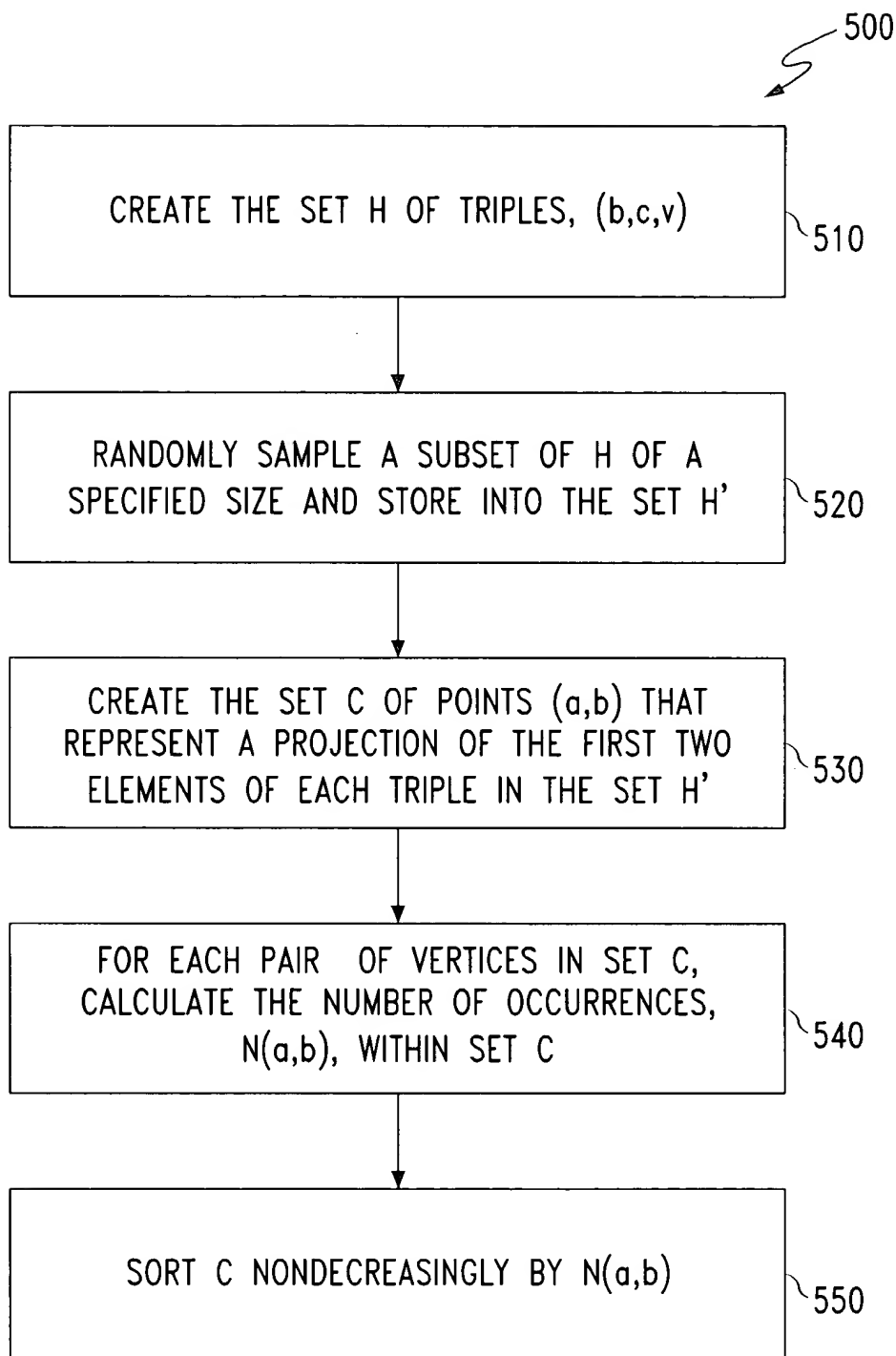
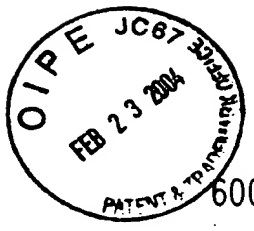
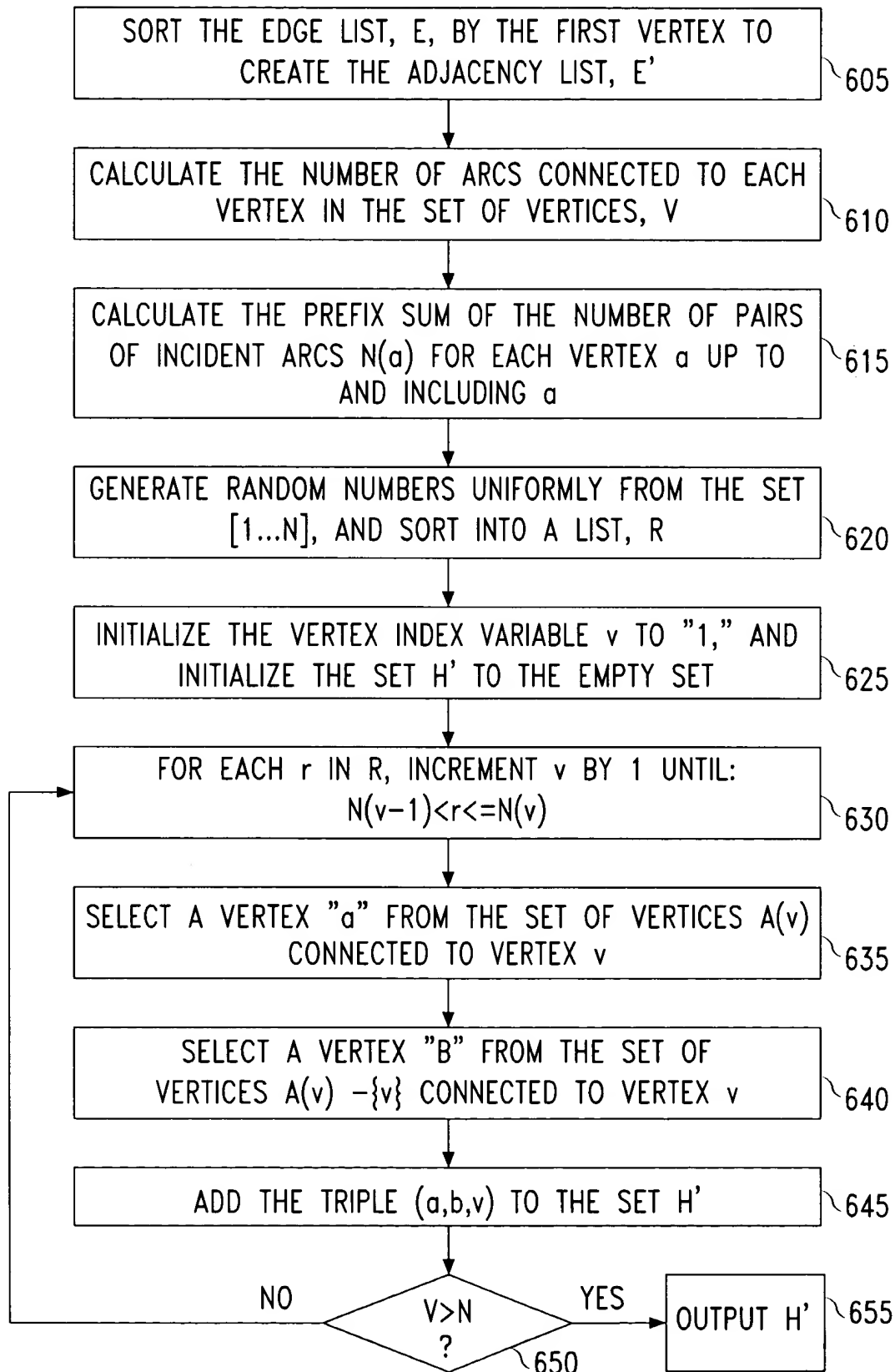


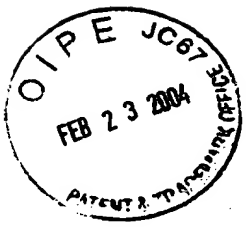
FIG. 5



8/14

FIG. 6





9/14

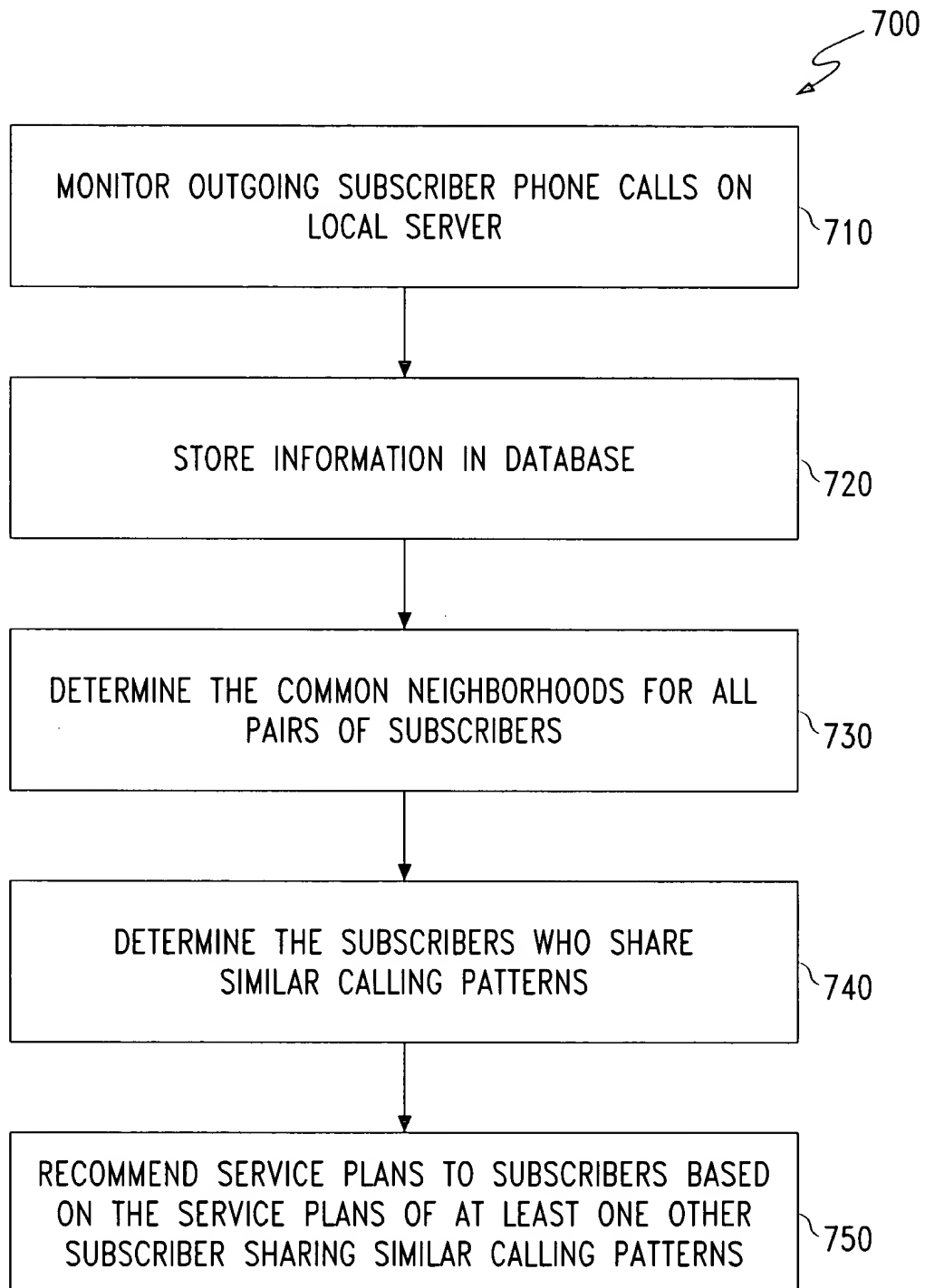


FIG. 7



10/14

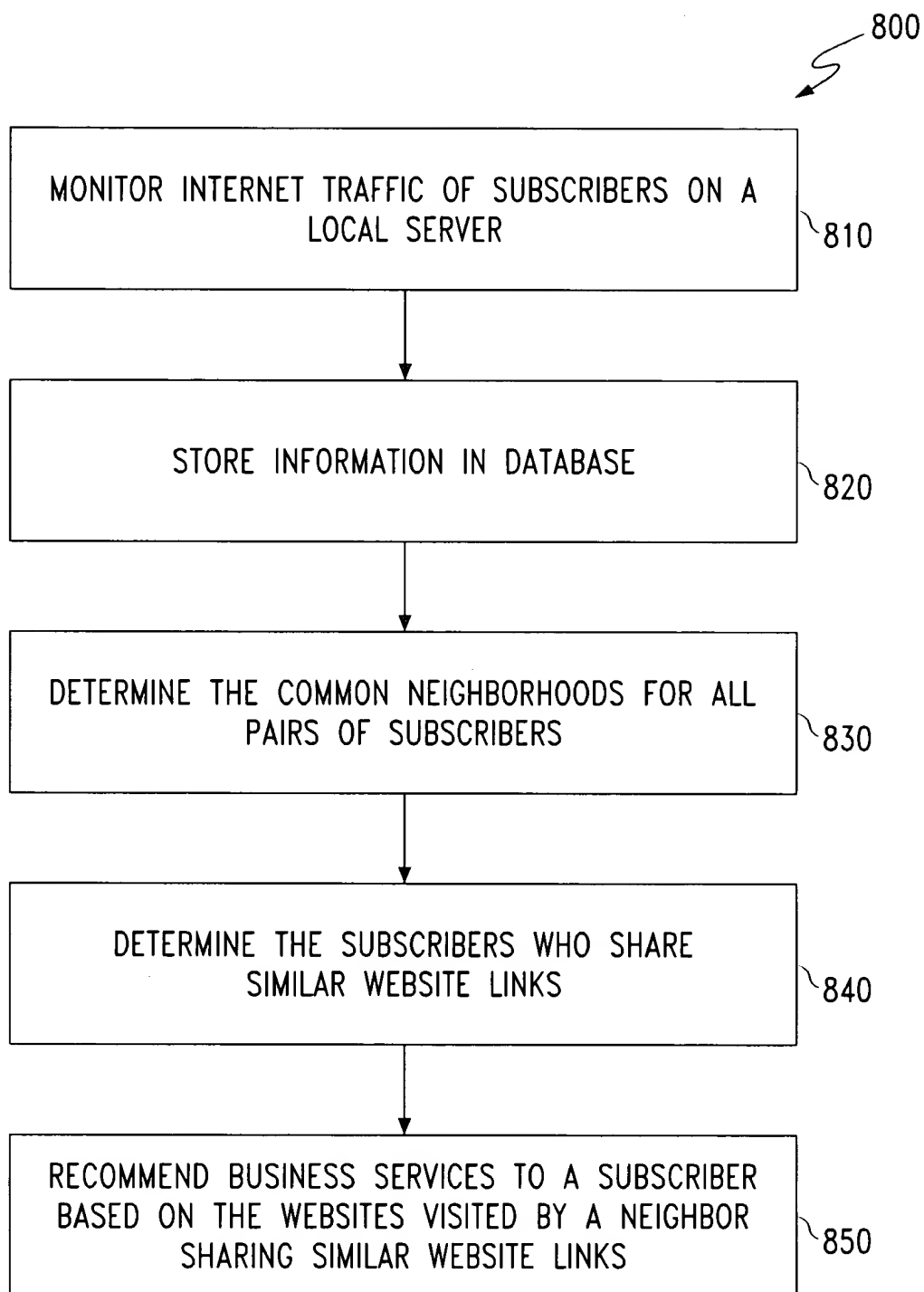


FIG. 8



11/14

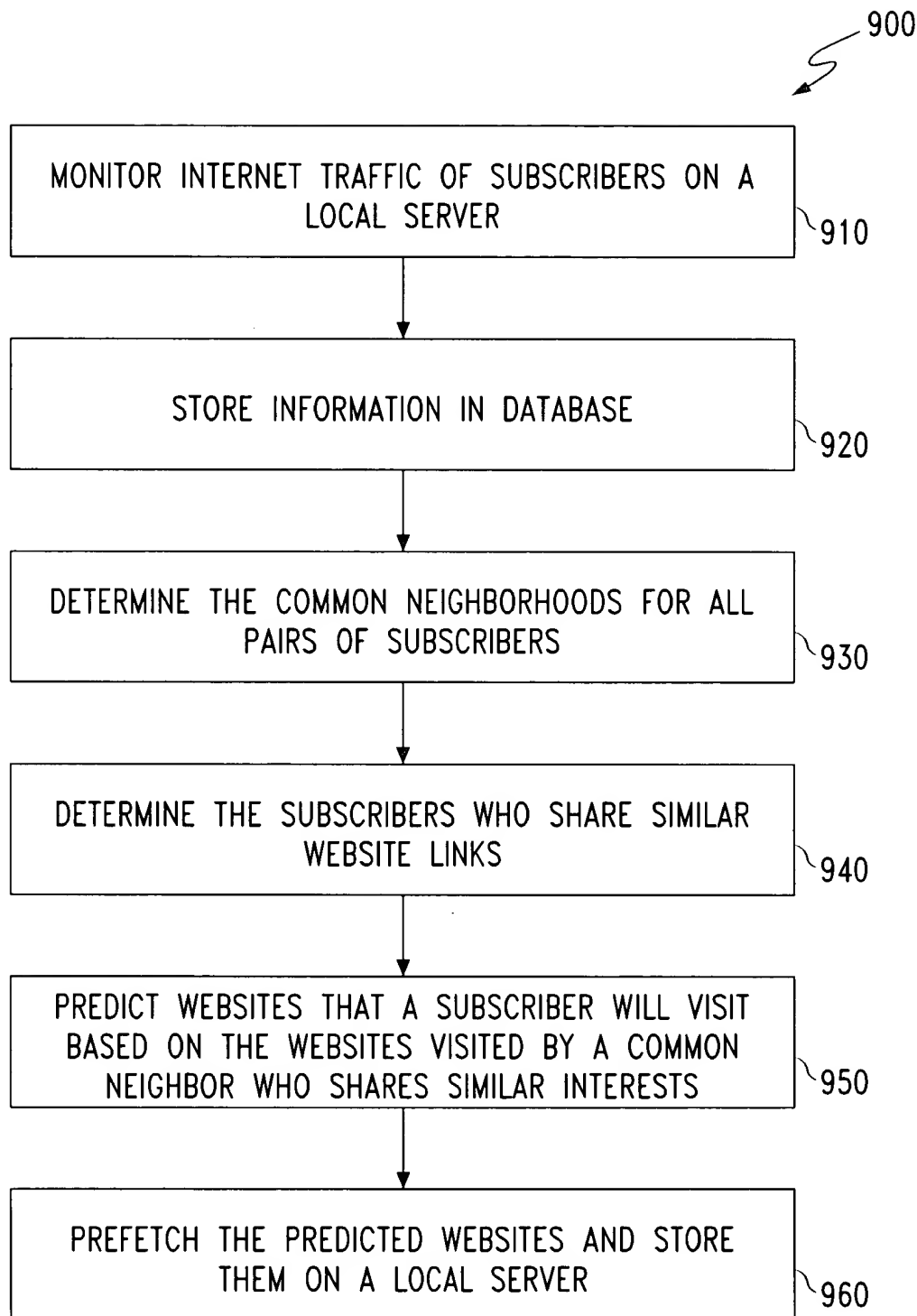


FIG. 9



12/14

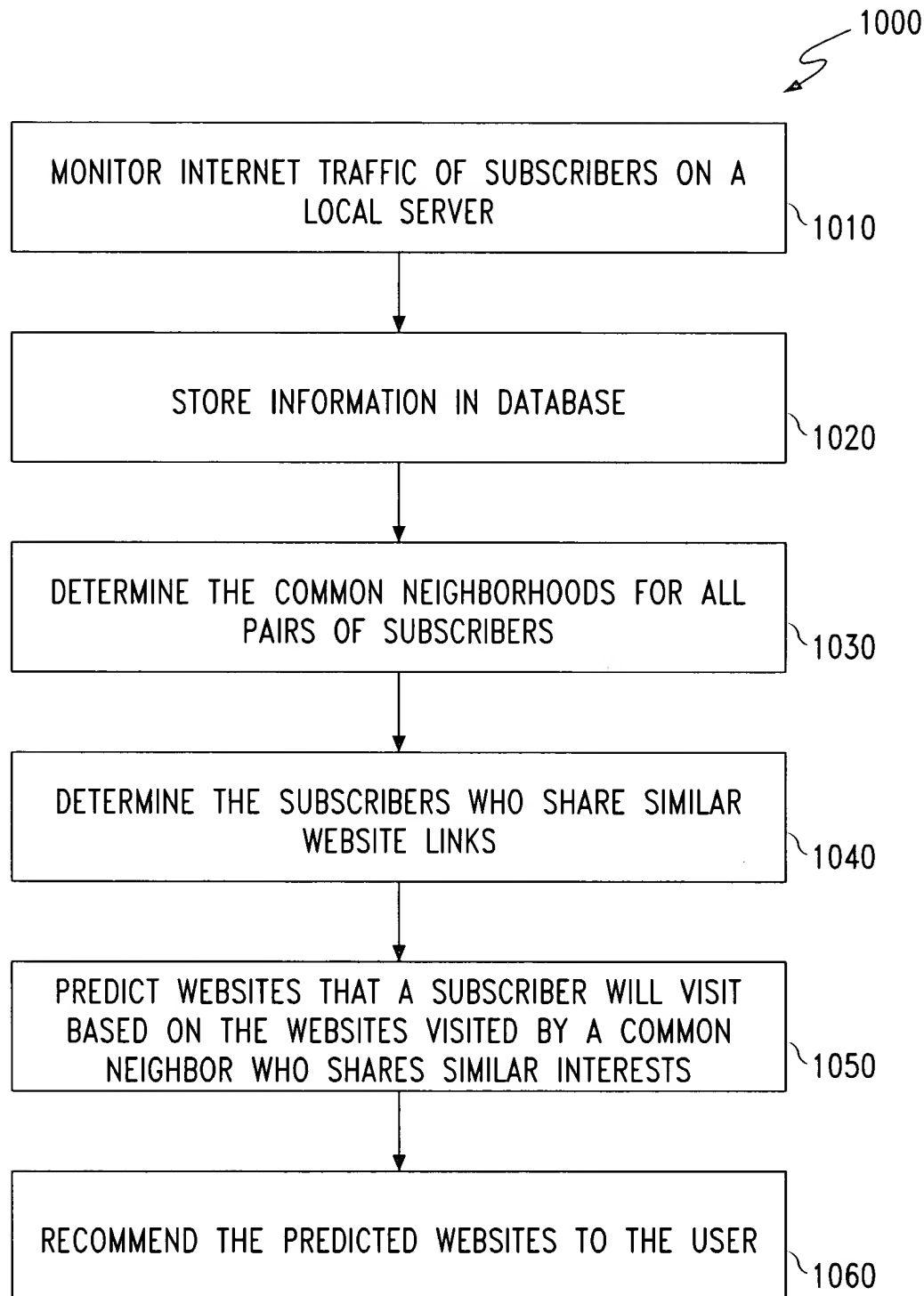
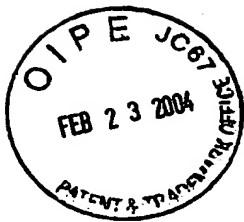


FIG. 10



13/14

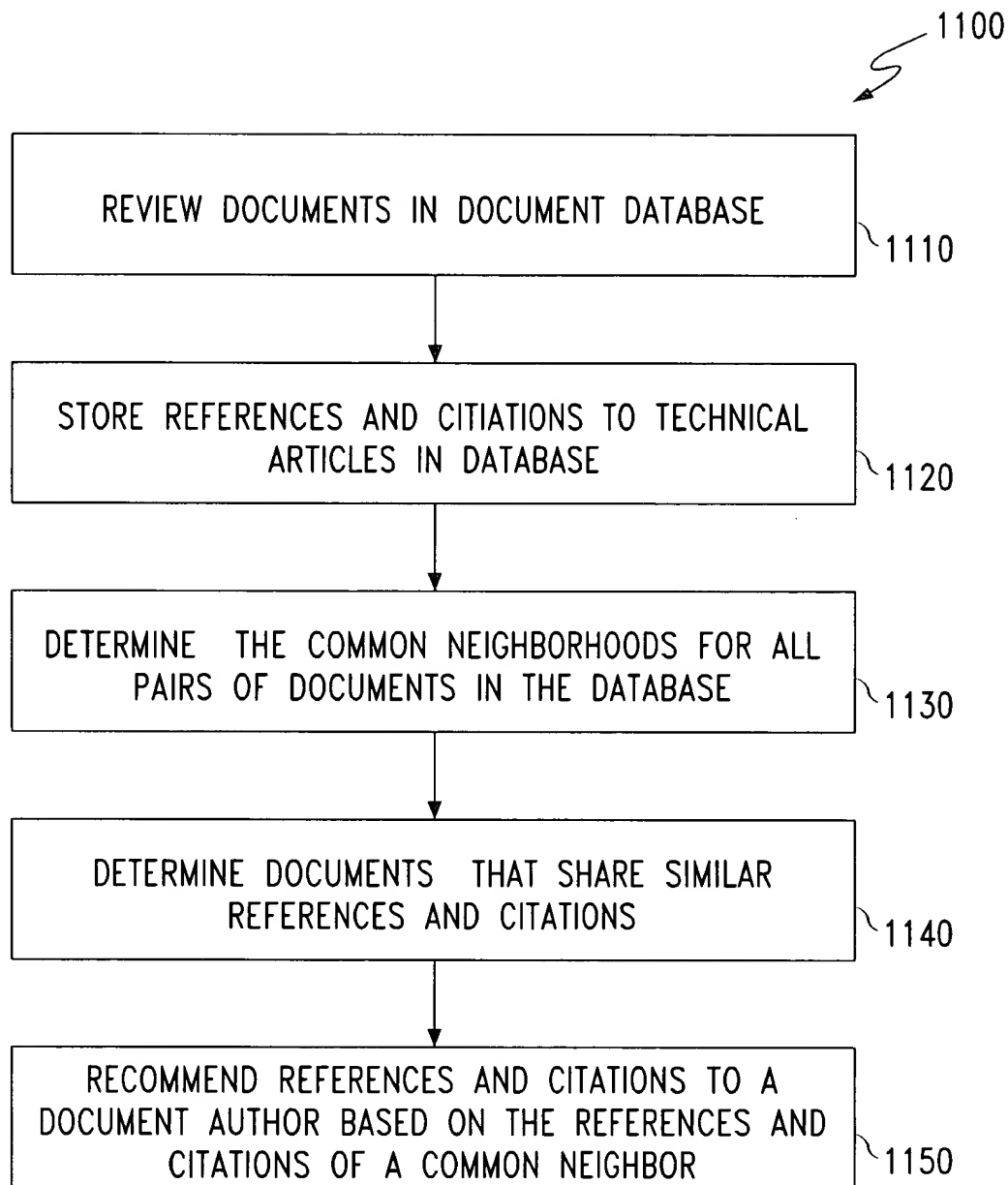
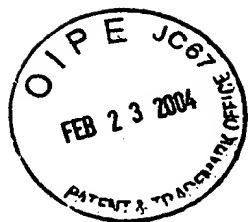


FIG. 11



14/14

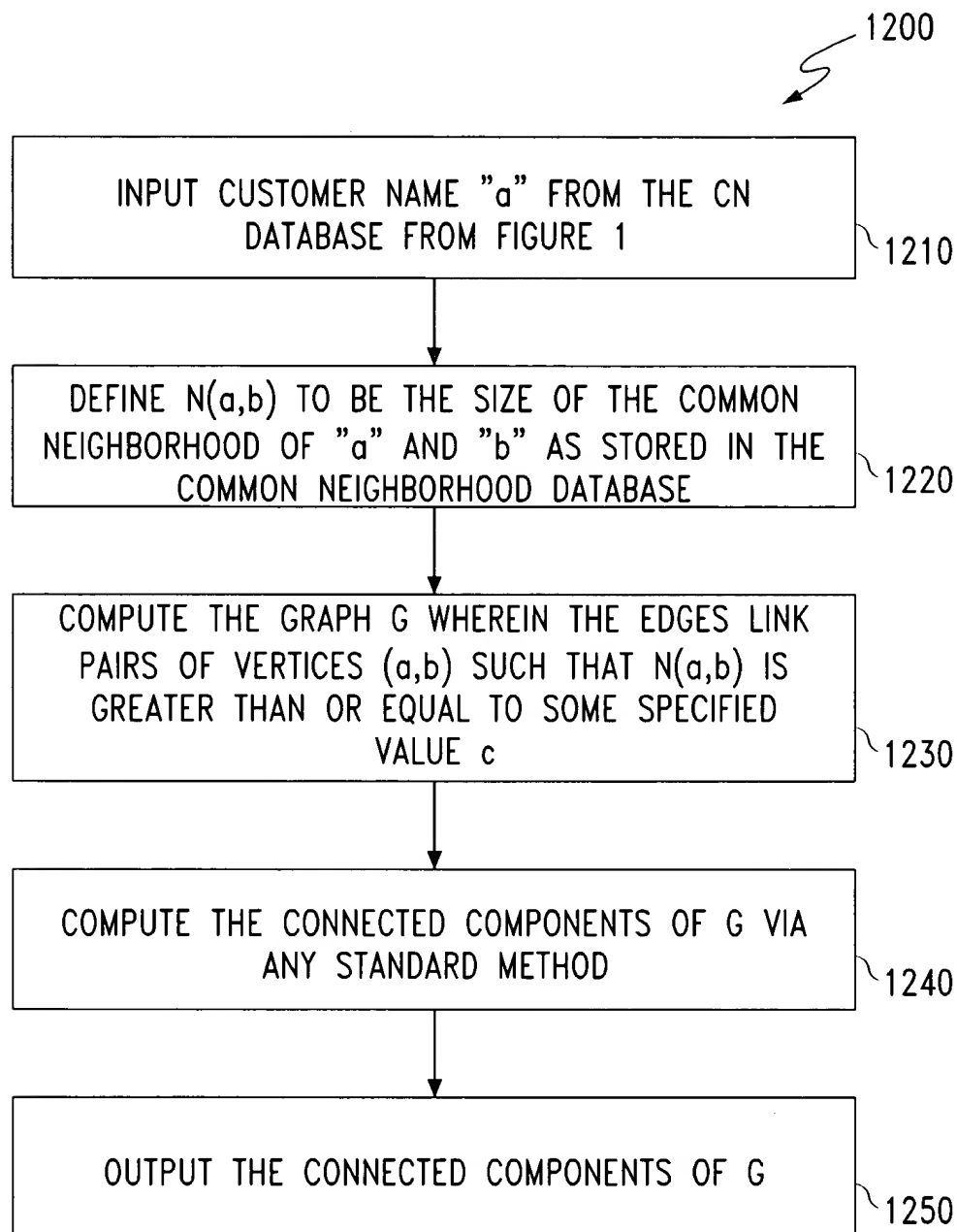


FIG. 12